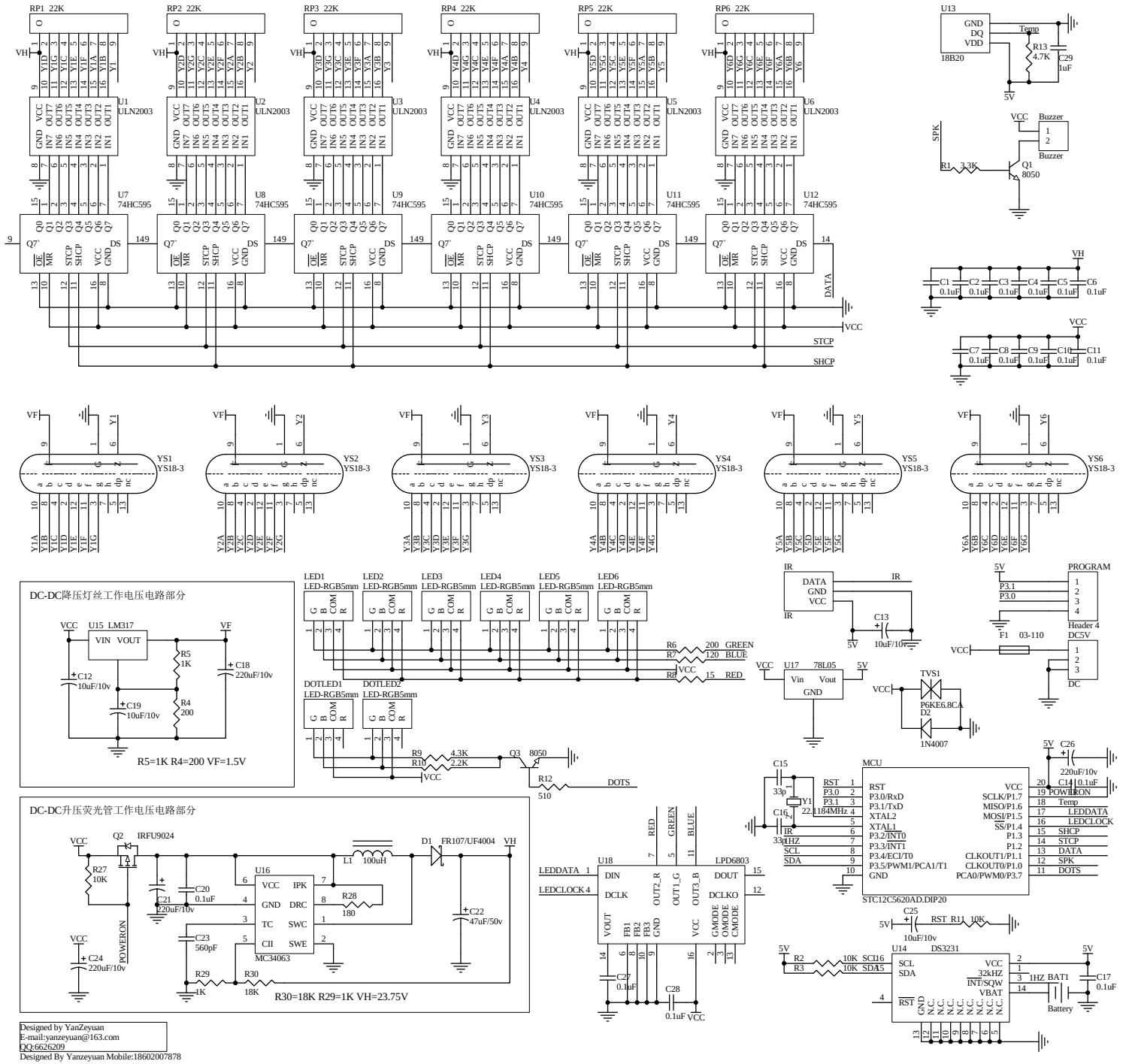
RP1 22K
RP2 22K
RP3 22K
RP4 22K
RP5 22K
RP6 22K
U1 ULN2003
U2 ULN2003
U3 ULN2003
U4 ULN2003
U5 ULN2003
U6 ULN2003
U7 74HC595
U8 74HC595
U9 74HC595
U10 74HC595
U11 74HC595
U12 74HC595
U13
18B20
Temp
R13 4.7K
C29 1uF
5V
SPK
VCC
Buzzer
R1 3.3K
Q1 8050
VH
C1 0.1uF
C2 0.1uF
C3 0.1uF
C4 0.1uF
C5 0.1uF
C6 0.1uF
C7 0.1uF
C8 0.1uF
C9 0.1uF
C10 0.1uF
C11 0.1uF
DATA
STCP
SHCP
VF
YS1 YS18-3
YS2 YS18-3
YS3 YS18-3
YS4 YS18-3
YS5 YS18-3
YS6 YS18-3
DC-DC降压灯丝工作电压电路部分
U15 LM317
VIN VOUT
R5 1K
R4 200
C12 10uF/10v
C19 10uF/10v
C18 220uF/10v
R5=1K R4=200 VF=1.5V
LED1 LED-RGB5mm
LED2 LED-RGB5mm
LED3 LED-RGB5mm
LED4 LED-RGB5mm
LED5 LED-RGB5mm
LED6 LED-RGB5mm
DOTLED1 LED-RGB5mm
DOTLED2 LED-RGB5mm
R6 200 GREEN
R7 120 BLUE
R8 15 RED
R9 4.3K
R10 2.2K
Q3 8050
R12 510
DOTS
IR
DATA
GND
VCC
C13 10uF/10v
PROGRAM
P3.1
P3.0
Header 4
F1 03-110
DC5V
DC
U17 78L05
Vin Vout
GND
TVS1 P6KE6.8CA
D2 1N4007
DC-DC升压荧光管工作电压电路部分
Q2 IRFU9024
R27 10K
C20 0.1uF
C21 220uF/10v
C23 560pF
C24 220uF/10v
POWERON
U16
VCC IPK
GND DRC
TC SWC
CII SWE
MC34063
R28 180
R29 1K
R30 18K
L1 100uH
D1 FR107/UF4004
C22 47uF/50v
R30=18K R29=1K VH=23.75V
U18
DIN
DCLK
VOUT
DOUT
DCLKO
LPD6803
LEDDATA 1
LEDCLOCK 4
OUT2_R
OUT1_G
OUT3_B
FB1 FB2 FB3 GND
GMODE OMODE CMODE
C27 0.1uF
C28 0.1uF
MCU
C15 33p
C16 33p
Y1 22.1184MHz
RST
P3.0/RxD
P3.1/TxD
XTAL2
XTAL1
P3.2/INT0
P3.3/INT1
P3.4/ECI/T0
P3.5/PWM1/PCA1/T1
GND
SCLK/P1.7
MISO/P1.6
MOSI/P1.5
SS/P1.4
P1.3
P1.2
CLKOUT1/P1.1
CLKOUT0/P1.0
PCA0/PWM0/P3.7
C26 220uF/10v
C14 0.1uF
POWERON
Temp
LEDDATA
LEDCLOCK
SHCP
STCP
DATA
SPK
DOTS
STC12C5620AD.DIP20
C25 10uF/10v
RST R11 10K
U14 DS3231
R2 10K SCL
R3 10K SDA
SCL
SDA
32kHZ
INT/SQW
VBAT
1HZ BAT1
C17 0.1uF
Battery
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